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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	MAR 31	IFICDB, IFIPAT, and IFIUIDB enhanced with new custom IPC display formats
NEWS	3	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	4	MAR 31	CA/CAPplus and CASREACT patent number format for U.S. applications updated
NEWS	5	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	6	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	7	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	8	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	9	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	10	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	11	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	12	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	13	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	14	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	15	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	16	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	17	JUN 25	CA/CAPplus and USPAT databases updated with IPC reclassification data
NEWS	18	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	19	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS	20	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS	21	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS	22	JUL 28	CA/CAPplus patent coverage enhanced
NEWS	23	JUL 28	EPFULL enhanced with additional legal status information from the epoline Register
NEWS	24	JUL 28	IFICDB, IFIPAT, and IFIUIDB reloaded with enhancements
NEWS	25	JUL 28	STN Viewer performance improved
NEWS	26	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	27	AUG 13	CA/CAPplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	28	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	29	AUG 15	CAPplus currency for Korean patents enhanced

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that  
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FILE 'HOME' ENTERED AT 12:59:11 ON 16 AUG 2008

=> file medline, biosis, uspatful, dgene, embase, wpids, biotechds, scisearch		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
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E1	23	PHADTARE SUMANT/AU
E2	1	PHADTARE V E/AU
E3	0 -->	PHADTAREI, S/AU
E4	1	PHADTE N D/AU
E5	1	PHADUNG Y/AU
E6	2	PHADUNGATH C/AU
E7	10	PHADUNGCHAROEN T/AU
E8	11	PHADUNGCHAROEN THATREE/AU
E9	3	PHADUNGCHERP A/AU
E10	5	PHADUNGCHERWIT Y/AU
E11	1	PHADUNGDHITIDHADA S/AU
E12	2	PHADUNGKIAT SAMPANT/AU

=> s el  
L1 23 "PHADTARE SUMANT"/AU

=> s l1 and (quorum-sensing)  
L2 0 L1 AND (QUORUM-SENSING)

=> s (quorum-sensing)\  
MISSING OPERATOR M-SENSING)\  
The search profile that was entered contains terms or  
nested terms that are not separated by a logical operator.

=> s (quorum-sensing)  
L3 10503 (QUORUM-SENSING)

=> s l3 and (autoinducer-2)  
L4 598 L3 AND (AUTOINDUCER-2)

=> s l4 and DHCP)  
UNMATCHED RIGHT PARENTHESIS 'DHCP)'  
The number of right parentheses in a query must be equal to the  
number of left parentheses.

=> s l4 and (DHCP)  
L5 3 L4 AND (DHCP)

=> d l5 ti abs ibib tot

L5 ANSWER 1 OF 3 USPATFULL on STN  
TI Method of gene encoding a 4,5-dihydroxy-2-cyclopenten-1-one (DHCP) efflux protein promoting resistance to DHCP  
AB The invention relates to a gene, dep, which confers resistance to the antibacterial activity of 4,5-dihydroxy-2-cyclopenten-1-one (DHCP). The invention further relates to the putative protein encoded by dep, which is a hydrophobic, transmembrane efflux protein specific for DHCP. The invention further relates to plasmids containing the dep gene, and to bacterial cells expressing dep. Furthermore, the invention provides applications for use in conferring resistance to antibacterial activity in organisms. The dep gene can be used to identify compounds which inhibit the efflux activity responsible for the resistance to DHCP or to compounds which are functionally equivalent to DHCP.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2007:190607 USPATFULL  
TITLE: Method of gene encoding a 4,5-dihydroxy-2-cyclopenten-1-one (DHCP) efflux protein promoting resistance to DHCP  
INVENTOR(S): Phadtare, Sangita, Highland Park, NJ, UNITED STATES  
Yamanaka, Kunitoshi, Highland Park, NJ, UNITED STATES  
Kato, Ikunoshin, Kyoto, JAPAN  
Inouye, Masayori, Piscataway, NJ, UNITED STATES  
PATENT ASSIGNEE(S): Takara Bio, Inc. a corporation of Japan, Otsu-shi, JAPAN (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 20070166786	A1	20070719
APPLICATION INFO.:	US 2005-224538	A1	20050912 (11)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-805681,		filed on 14 Mar 2001, ABANDONED

	NUMBER	DATE
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PRIORITY INFORMATION:	US 2000-228727P	20000829 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	IP GROUP OF DLA PIPER US LLP, ONE LIBERTY PLACE, 1650 MARKET ST, SUITE 4900, PHILADELPHIA, PA, 19103, US	
NUMBER OF CLAIMS:	3	
EXEMPLARY CLAIM:	1-14	
NUMBER OF DRAWINGS:	8 Drawing Page(s)	
LINE COUNT:	1150	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L5 ANSWER 2 OF 3 USPATFULL on STN

TI Effect of treatment with 4,5-dihydroxy-2-cyclopenten-1-one (dhcp  
) on gene expression and quorum-sensing in bacteria

AB DHCP (4,5-dihydroxy-2-cyclopenten-1-one) has been previously  
shown to have antibacterial activity against Escherichia coli. Global  
transcriptional pattern of E. coli was analyzed in response to  
DHCP by DNA microarray. It is now shown that DHCP has  
widespread effects in E. coli, affecting genes encoding proteins  
involved in general metabolism and cell membrane synthesis and  
functions. In addition, rpoS and RpoS-regulated genes responding to  
various stresses are upregulated. DHCP is also shown to  
inhibit AI-2, an autoinducer involved in interspecies quorum-  
sensing, and the genes comprising quorum-regulated processes  
such as virulence, motility and outer membrane functions are  
downregulated by DHCP treatment. In addition, cysK which is a  
known quorum-sensing gene working in an alternate  
pathway(s) in E. coli increases considerably in response to DHCP  
. These results suggest that DHCP regulates the switching  
on/off of the different quorum-sensing circuits in  
E. coli.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	2006:40668 USPATFULL
TITLE:	Effect of treatment with 4,5-dihydroxy-2-cyclopenten-1- one (dhcp) on gene expression and quorum-sensing in bacteria
INVENTOR(S):	Phadtare, Sangita, Highland Park, NJ, UNITED STATES Kato, Ikunoshin, Koka-gun, JAPAN Inouye, Massayori, New Brunswick, NJ, UNITED STATES

	NUMBER	KIND	DATE
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PATENT INFORMATION:	US 20060035317	A1	20060216
APPLICATION INFO.:	US 2003-506778	A1	20030307 (10)
	WO 2003-US7081		20030307
			20050601 PCT 371 date

	NUMBER	DATE
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PRIORITY INFORMATION:	US 2002-363548P	20020313 (60)
	US 2003-402041P	20020809 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BROWDY AND NEIMARK, P.L.L.C., 624 NINTH STREET, NW, SUITE 300, WASHINGTON, DC, 20001-5303, US	
NUMBER OF CLAIMS:	25	
EXEMPLARY CLAIM:	1	

NUMBER OF DRAWINGS: 1 Drawing Page(s)  
LINE COUNT: 1024  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 3 USPATFULL on STN

TI Gene conferring resistance to the antibacterial 4,5-dihydroxy-2-cyclopenten-1-one (DHCP), the protein encoded by same, and applications thereof

AB The invention relates to a gene, dep, which confers resistance to the antibacterial activity of 4,5-dihydroxy-2-cyclopenten-1-one (DHCP). The invention further relates to the putative protein encoded by dep, which is a hydrophobic, transmembrane efflux protein specific for DHCP. The invention further relates to plasmids containing the dep gene, and to bacterial cells expressing dep. Furthermore, the invention provides applications for use in conferring resistance to antibacterial activity in organisms. The dep gene can be used to identify compounds which inhibit the efflux activity responsible for the resistance to DHCP or to compounds which are functionally equivalent to DHCP.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:259587 USPATFULL

TITLE: Gene conferring resistance to the antibacterial 4,5-dihydroxy-2-cyclopenten-1-one (DHCP), the protein encoded by same, and applications thereof

INVENTOR(S): Phadtare, Sangita, Highland Park, NJ, UNITED STATES  
Yamanaka, Kunitoshi, Highland Park, NJ, UNITED STATES  
Kato, Ikunoshin, Kyoto, JAPAN

PATENT ASSIGNEE(S): Inouye, Masayori, Piscataway, NJ, UNITED STATES  
The University of Medicine and Dentistry of New Jersey (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 20020143163	A1	20021003
APPLICATION INFO.:	US 2001-805681	A1	20010314 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-228727P	20000829 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SCHNADER HARRISON SEGAL & LEWIS, LLP, 1600 MARKET STREET, SUITE 3600, PHILADELPHIA, PA, 19103	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	8 Drawing Page(s)	
LINE COUNT:	686	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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FILE 'MEDLINE, BIOSIS, USPATFULL, DGENE, EMBASE, WPIDS, BIOTECHDS, SCISEARCH' ENTERED AT 12:59:57 ON 16 AUG 2008

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L1 23 S E1  
L2 0 S L1 AND (QUORUM-SENSING)  
L3 10503 S (QUORUM-SENSING)

L4            598 S L3 AND (AUTOINDUCER-2)  
L5            3 S L4 AND (DHCP)

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